

**Table A-5.1. Employed scientists, engineers, technicians (SETs), and SET managers, in SICs 07 and 10–17 (agricultural services, mining, and construction), and the relative standard error: 1998**

[Filled positions]

Page 1 of 15

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Crop services (SIC 720)</b>			
<b>Scientific and technical personnel</b> .....	490	0.4	(nc)
<b>Scientists</b> .....	330	0.3	(nc)
Life scientists.....	270	0.2	(nc)
Agricultural scientists.....	230	0.2	11
All other life scientists.....	40	<	(nc)
Computer analysts.....	60	0.1	(nc)
<b>Engineers</b> .....	50	<	(nc)
Other, n.e.c. ....	50	<	(nc)
<b>Technicians</b> .....	110	0.1	42
Physical and life science technicians.....	110	0.1	42
Biological science technician.....	110	0.1	42
<b>Veterinary services (SIC 740)</b>			
<b>Scientific and technical personnel</b> .....	30	<	(nc)
<b>Technicians</b> .....	30	<	(nc)
Physical and life science technicians.....	30	<	(nc)
All other physical and life science technicians.....	30	<	(nc)
<b>Animal services, except veterinary (SIC 750)</b>			
<b>Scientific and technical personnel</b> .....	970	1.8	(nc)
<b>Scientists</b> .....	190	0.4	(nc)
Life scientists.....	60	0.1	23
Agricultural scientists.....	60	0.1	23
Computer analysts.....	130	0.2	(nc)
<b>Technicians</b> .....	780	1.5	(nc)
Computer programmer.....	50	0.1	6
Physical and life science technicians.....	730	1.4	11
Biological science technician.....	730	1.4	11
<b>Farm labor and management services (SIC 760)</b>			
<b>Scientific and technical personnel</b> .....	190	0.1	(nc)
<b>Scientists</b> .....	190	0.1	(nc)
Life scientists.....	150	0.1	(nc)
All other life scientists.....	150	0.1	(nc)
Computer analysts.....	40	<	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Landscape and horticultural services (SIC 780)</b>			
Scientific and technical personnel.....	2,110	0.4	(nc)
<b>Scientists</b> .....	30	<	37
Life scientists.....	30	<	37
Agricultural scientists.....	30	<	37
<b>Engineers</b> .....	60	<	(nc)
Other, n.e.c.....	60	<	(nc)
<b>Technicians</b> .....	2,020	0.4	(nc)
Drafter.....	1,640	0.3	10
Surveyor.....	50	<	17
All other engineering technicians.....	60	<	(nc)
Physical and life science technicians.....	270	0.1	41
Biological science technician.....	270	0.1	41
<b>Iron ores (SIC 1010)</b>			
Scientific and technical personnel.....	440	5.3	(nc)
<b>Scientists</b> .....	30	0.4	(nc)
Physical scientists.....	30	0.4	(nc)
All other physical scientists.....	30	0.4	(nc)
<b>Engineers</b> .....	200	2.4	(nc)
Other, n.e.c.....	200	2.4	(nc)
<b>Technicians</b> .....	210	2.5	(nc)
All other engineering technicians.....	210	2.5	(nc)
<b>Copper ores (SIC 1020)</b>			
Scientific and technical personnel.....	1,320	9.4	(nc)
<b>Scientists</b> .....	180	1.3	(nc)
Physical scientists.....	140	1	(nc)
Geologists, geophysicists, and earth scientists.....	100	0.7	20
All other physical scientists.....	40	0.3	(nc)
Computer analysts.....	40	0.3	(nc)
<b>Engineers</b> .....	720	5.1	(nc)
Industrial.....	160	1.1	0
Mechanical.....	40	0.3	0
Metallurgical/metallurgists.....	120	0.9	1
Other, n.e.c.....	400	2.8	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Copper ores (SIC 1020) -- continued:</b>			
<b>Technicians.....</b>	420	3	(nc)
Computer programmer.....	100	0.7	0
All other engineering technicians.....	230	1.6	(nc)
Physical and life science technicians.....	90	0.6	1
Chemical technicians, except health.....	90	0.6	1
<b>Lead and zinc ores (SIC 1030)</b>			
<b>Scientific and technical personnel.....</b>	60	2.7	(nc)
<b>Engineers.....</b>	60	2.7	(nc)
Other, n.e.c.....	60	2.7	(nc)
<b>Gold and silver ores (SIC 1040)</b>			
<b>Scientific and technical personnel.....</b>	1,880	12.3	(nc)
<b>Scientists.....</b>	540	3.6	(nc)
Physical scientists.....	470	3.1	(nc)
Geologists, geophysicists, and earth scientists.....	430	2.8	9
All other physical scientists.....	40	0.3	(nc)
Computer analysts.....	70	0.5	(nc)
<b>Managers of scientific and technical personnel.....</b>	70	0.5	12
<b>Engineers.....</b>	470	3.1	(nc)
Metallurgical/metallurgists.....	120	0.8	7
Other, n.e.c.....	350	2.3	(nc)
<b>Technicians.....</b>	800	5.3	(nc)
Surveyor.....	160	1.1	(nc)
All other engineering technicians.....	190	1.3	(nc)
Physical and life science technicians.....	450	3	(nc)
Chemical technicians, except health.....	310	2	5
All other physical and life science technicians.....	140	0.9	14
<b>Metal mining services (SIC 1080)</b>			
<b>Scientific and technical personnel.....</b>	180	6.5	(nc)
<b>Scientists.....</b>	140	5.1	8
Physical scientists.....	140	5.1	8
Geologists, geophysicists, and earth scientists.....	140	5.1	8
<b>Engineers.....</b>	40	1.5	(nc)
Other, n.e.c.....	40	1.5	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Misc. metal ores, n.e.c. (SIC 1090)</b>			
<b>Scientific and technical personnel</b> .....	230	9.5	(nc)
<b>Scientists</b> .....	60	2.5	(nc)
Physical scientists.....	60	2.5	(nc)
All other physical scientists.....	60	2.5	(nc)
<b>Engineers</b> .....	40	1.7	0
Other, n.e.c.....	40	1.7	0
<b>Technicians</b> .....	130	5.4	(nc)
All other engineering technicians.....	70	2.9	(nc)
Physical and life science technicians.....	60	2.5	17
Chemical technicians, except health.....	60	2.5	17
<b>Bituminous coal and lignite mining (SIC 1220)</b>			
<b>Scientific and technical personnel</b> .....	2,940	3.5	(nc)
<b>Scientists</b> .....	320	0.4	(nc)
Physical scientists.....	210	0.3	(nc)
Chemists.....	60	0.1	7
Geologists, geophysicists, and earth scientists.....	100	0.1	12
All other physical scientists.....	50	0.1	9
Life scientists.....	40	0.1	13
Foresters and conservation scientists.....	40	0.1	13
Computer analysts.....	70	0.1	3
<b>Managers of scientific and technical personnel</b> .....	320	0.4	15
<b>Engineers</b> .....	1,240	1.5	(nc)
Civil.....	50	0.1	8
Industrial.....	30	<	3
Mechanical.....	70	0.1	4
Other, n.e.c.....	1,090	1.3	(nc)
<b>Technicians</b> .....	1,060	1.3	(nc)
Computer programmer.....	80	0.1	45
Drafter.....	130	0.2	4
Surveyor.....	460	0.5	(nc)
Civil engineering technician.....	50	0.1	9
All other engineering technicians.....	160	0.2	(nc)
Physical and life science technicians.....	180	0.2	(nc)
Chemical technicians, except health.....	150	0.2	5
All other physical and life science technicians.....	30	<	3

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Coal mining services (SIC 1240)</b>			
<b>Scientific and technical personnel</b> .....	30	0.6	(nc)
<b>Engineers</b> .....	30	0.6	(nc)
Other, n.e.c. ....	30	0.6	(nc)
<b>Crude petroleum and natural gas (SIC 1310)</b>			
<b>Scientific and technical personnel</b> .....	27,890	20.3	(nc)
<b>Scientists</b> .....	9,190	6.7	(nc)
Operations and systems researchers and analysts.....	320	0.2	18
Physical scientists.....	6,180	4.5	(nc)
Chemists.....	360	0.3	2
Geologists, geophysicists, and earth scientists.....	5,220	3.8	4
All other physical scientists.....	600	0.4	(nc)
Life scientists.....	30	<	(nc)
All other life scientists.....	30	<	(nc)
Social scientists.....	190	0.1	(nc)
Economists.....	150	0.1	1
Urban and regional planners.....	40	<	0
Computer analysts.....	2,470	1.8	(nc)
<b>Managers of scientific and technical personnel</b> .....	1,500	1.1	5
<b>Engineers</b> .....	9,900	7.2	(nc)
Chemical.....	360	0.3	8
Civil.....	540	0.4	2
Computer.....	100	0.1	0
Electrical/electronics.....	100	0.1	3
Industrial.....	510	0.4	4
Marine.....	40	<	21
Mechanical.....	170	0.1	4
Safety.....	280	0.2	7
Other, n.e.c. ....	7,800	5.7	(nc)
<b>Technicians</b> .....	7,300	5.3	(nc)
Computer programmer.....	1,100	0.8	3
Drafter.....	540	0.4	4
Surveyor.....	260	0.2	(nc)
Electrical/electronics engineering technician.....	280	0.2	9
Mechanical engineering technicians.....	100	0.1	22
Civil engineering technician.....	90	0.1	5
All other engineering technicians.....	970	0.7	(nc)
Physical and life science technicians.....	3,960	2.9	(nc)
All other physical and life science technicians.....	3,960	2.9	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Natural gas liquids (SIC 1320)</b>			
Scientific and technical personnel.....	490	10.8	(nc)
<b>Scientists</b> .....	180	4	(nc)
Physical scientists.....	90	2	(nc)
All other physical scientists.....	90	2	(nc)
Computer analysts.....	90	2	(nc)
<b>Managers of scientific and technical personnel</b> .....	40	0.9	6
<b>Engineers</b> .....	150	3.3	(nc)
Other, n.e.c.....	150	3.3	(nc)
<b>Technicians</b> .....	120	2.7	(nc)
All other engineering technicians.....	60	1.3	(nc)
Physical and life science technicians.....	60	1.3	(nc)
All other physical and life science technicians.....	60	1.3	(nc)
<b>Oil and gas field services (SIC 1380)</b>			
Scientific and technical personnel.....	12,300	6.8	(nc)
<b>Scientists</b> .....	2,040	1.1	(nc)
Operations and systems researchers and analysts.....	110	0.1	24
Physical scientists.....	1,580	0.9	(nc)
Chemists.....	50	<	8
Geologists, geophysicists, and earth scientists.....	1,460	0.8	12
All other physical scientists.....	70	<	2
Social scientists.....	40	<	(nc)
All other social scientists.....	40	<	(nc)
Computer analysts.....	310	0.2	(nc)
<b>Managers of scientific and technical personnel</b> .....	1,260	0.7	21
<b>Engineers</b> .....	4,130	2.3	(nc)
Civil.....	50	<	41
Computer.....	150	0.1	1
Electrical/electronics.....	120	0.1	27
Industrial.....	120	0.1	1
Safety.....	180	0.1	7
Sales.....	580	0.3	15
Other, n.e.c.....	2,930	1.6	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Oil and gas field services (SIC 1380) -- continued:</b>			
<b>Technicians.....</b>	4,870	2.7	(nc)
Computer programmer.....	150	0.1	26
Drafter.....	300	0.2	9
Surveyor.....	180	0.1	8
Electrical/electronics engineering technician.....	500	0.3	6
Mechanical engineering technicians.....	330	0.2	5
Civil engineering technician.....	40	<	11
All other engineering technicians.....	1,120	0.6	(nc)
Physical and life science technicians.....	2,250	1.2	(nc)
Chemical technicians, except health.....	60	<	12
All other physical and life science technicians.....	2,190	1.2	(nc)
<b>Crushed and broken stone (SIC 1420)</b>			
<b>Scientific and technical personnel.....</b>	760	1.8	(nc)
<b>Scientists.....</b>	160	0.4	(nc)
Physical scientists.....	110	0.3	(nc)
Geologists, geophysicists, and earth scientists.....	70	0.2	8
All other physical scientists.....	40	0.1	(nc)
Social scientists.....	10	<	(nc)
All other social scientists.....	10	<	(nc)
Computer analysts.....	40	0.1	8
<b>Managers of scientific and technical personnel.....</b>	80	0.2	10
<b>Engineers.....</b>	280	0.7	(nc)
Other, n.e.c.....	280	0.7	(nc)
<b>Technicians.....</b>	240	0.6	(nc)
Computer programmer.....	40	0.1	7
All other engineering technicians.....	100	0.2	(nc)
Physical and life science technicians.....	100	0.2	10
Chemical technicians, except health.....	100	0.2	10
<b>Sand and gravel (SIC 1440)</b>			
<b>Scientific and technical personnel.....</b>	400	1.1	(nc)
<b>Scientists.....</b>	170	0.5	(nc)
Physical scientists.....	30	0.1	13
Geologists, geophysicists, and earth scientists.....	30	0.1	13
Computer analysts.....	140	0.4	(nc)
<b>Managers of scientific and technical personnel.....</b>	40	0.1	9

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Engineers.....</b>	150	0.4	(nc)
Other, n.e.c.....	150	0.4	(nc)
<b>Technicians.....</b>	40	0.1	13
Physical and life science technicians.....	40	0.1	13
Chemical technicians, except health.....	40	0.1	13
<b>Clay, ceramic, and refractory minerals (SIC 1450)</b>			
<b>Scientific and technical personnel.....</b>	460	6.3	(nc)
<b>Scientists.....</b>	40	0.6	(nc)
Physical scientists.....	40	0.6	(nc)
Chemists.....	30	0.4	24
All other physical scientists.....	10	0.1	(nc)
<b>Engineers.....</b>	90	1.2	(nc)
Other, n.e.c.....	90	1.2	(nc)
<b>Technicians.....</b>	330	4.5	3
Physical and life science technicians.....	330	4.5	3
Chemical technicians, except health.....	330	4.5	3
<b>Chemical and fertilizer minerals (SIC 1470)</b>			
<b>Scientific and technical personnel.....</b>	480	4.2	(nc)
<b>Scientists.....</b>	30	0.3	(nc)
Computer analysts.....	30	0.3	(nc)
<b>Managers of scientific and technical personnel.....</b>	60	0.5	7
<b>Engineers.....</b>	190	1.7	(nc)
Mechanical.....	40	0.4	0
Other, n.e.c.....	150	1.3	(nc)
<b>Technicians.....</b>	200	1.8	(nc)
All other engineering technicians.....	80	0.7	(nc)
Physical and life science technicians.....	120	1.1	7
Chemical technicians, except health.....	120	1.1	7

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Nonmetallic minerals services (SIC 1480)</b>			
<b>Scientific and technical personnel</b> .....	120	10.7	4
<b>Scientists</b> .....	120	10.7	4
Physical scientists.....	120	10.7	4
Geologists, geophysicists, and earth scientists.....	120	10.7	4
<b>Misc. nonmetallic minerals (SIC 1490)</b>			
<b>Scientific and technical personnel</b> .....	140	2.7	(nc)
<b>Scientists</b> .....	40	0.8	(nc)
Physical scientists.....	40	0.8	(nc)
All other physical scientists.....	40	0.8	(nc)
<b>Engineers</b> .....	70	1.3	(nc)
Other, n.e.c.....	70	1.3	(nc)
<b>Technicians</b> .....	30	0.6	8
Physical and life science technicians.....	30	0.6	8
Chemical technicians, except health.....	30	0.6	8
<b>Residential building construction (SIC 1520)</b>			
<b>Scientific and technical personnel</b> .....	5,240	0.7	(nc)
<b>Scientists</b> .....	60	<	7
Computer analysts.....	60	<	7
<b>Managers of scientific and technical personnel</b> .....	250	<	10
<b>Engineers</b> .....	1,260	0.2	(nc)
Civil.....	970	0.1	16
Safety.....	80	<	10
Other, n.e.c.....	210	<	(nc)
<b>Technicians</b> .....	3,670	0.5	(nc)
Computer programmer.....	80	<	15
Drafter.....	3,190	0.4	11
Surveyor.....	150	<	(nc)
Mechanical engineering technicians.....	40	<	5
Civil engineering technician.....	80	<	13
All other engineering technicians.....	130	<	(nc)

See explanatory information and SOURCE at end of table.

[Filled positions]

Page 10 of 15

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Operative builders (SIC 1530)</b>			
<b>Scientific and technical personnel</b> .....	640	2.3	(nc)
<b>Scientists</b> .....	130	0.5	(nc)
Computer analysts.....	130	0.5	(nc)
<b>Managers of scientific and technical personnel</b> .....	100	0.4	22
<b>Engineers</b> .....	60	0.2	26
Civil.....	60	0.2	26
<b>Technicians</b> .....	350	1.2	(nc)
Computer programmer.....	70	0.3	19
Drafter.....	240	0.8	6
All other engineering technicians.....	40	0.1	(nc)
<b>Nonresidential building excluding building (SIC 1540)</b>			
<b>Scientific and technical personnel</b> .....	15,260	2.3	(nc)
<b>Scientists</b> .....	150	<	5
Computer analysts.....	150	<	5
<b>Managers of scientific and technical personnel</b> .....	1,450	0.2	3
<b>Engineers</b> .....	8,960	1.4	(nc)
Chemical.....	270	<	3
Civil.....	3,850	0.6	5
Electrical/electronics.....	480	0.1	11
Industrial.....	520	0.1	14
Mechanical.....	790	0.1	6
Safety.....	740	0.1	4
Sales.....	180	<	20
Other, n.e.c.....	2,130	0.3	(nc)
<b>Technicians</b> .....	4,700	0.7	(nc)
Computer programmer.....	140	<	8
Drafter.....	2,470	0.4	8
Surveyor.....	530	0.1	(nc)
Electrical/electronics engineering technician.....	180	<	7
Mechanical engineering technicians.....	400	0.1	37
Civil engineering technician.....	630	0.1	4
All other engineering technicians.....	350	0.1	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Highway and street construction (SIC 1610)</b>			
<b>Scientific and technical personnel</b> .....	4,600	1.7	(nc)
<b>Scientists</b> .....	40	<	(nc)
Computer analysts.....	40	<	(nc)
<b>Managers of scientific and technical personnel</b> .....	460	0.2	15
<b>Engineers</b> .....	2,450	0.9	(nc)
Civil.....	1,740	0.6	11
Industrial.....	80	<	30
Mechanical.....	50	<	18
Safety.....	200	0.1	5
Sales.....	60	<	11
Other, n.e.c.....	320	0.1	(nc)
<b>Technicians</b> .....	1,650	0.6	(nc)
Computer programmer.....	60	<	9
Drafter.....	100	<	14
Surveyor.....	920	0.3	(nc)
Civil engineering technician.....	220	0.1	4
All other engineering technicians.....	300	0.1	(nc)
Physical and life science technicians.....	50	<	(nc)
All other physical and life science technicians.....	50	<	(nc)
<b>Heavy construction, except highway (SIC 1620)</b>			
<b>Scientific and technical personnel</b> .....	22,200	3.5	(nc)
<b>Scientists</b> .....	290	0.1	(nc)
Physical scientists.....	120	<	(nc)
All other physical scientists.....	120	<	(nc)
Computer analysts.....	170	<	8
<b>Managers of scientific and technical personnel</b> .....	740	0.1	6
<b>Engineers</b> .....	14,920	2.4	(nc)
Chemical.....	1,420	0.2	2
Civil.....	5,290	0.8	4
Computer.....	160	<	2
Electrical/electronics.....	1,420	0.2	1
Industrial.....	650	0.1	3
Mechanical.....	3,330	0.5	2
Safety.....	1,030	0.2	1
Sales.....	90	<	8
Other, n.e.c.....	1,530	0.2	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Heavy construction, except highway (SIC 1620) -- continued:</b>			
<b>Technicians.....</b>	6,250	1	(nc)
Computer programmer.....	220	<	5
Drafter.....	1,940	0.3	2
Surveyor.....	1,240	0.2	(nc)
Electrical/electronics engineering technician.....	740	0.1	7
Mechanical engineering technicians.....	470	0.1	2
Civil engineering technician.....	980	0.2	4
All other engineering technicians.....	570	0.1	(nc)
Physical and life science technicians.....	90	<	(nc)
All other physical and life science technicians.....	90	<	(nc)
<b>Plumbing, heating, air conditioning (SIC 1710)</b>			
<b>Scientific and technical personnel.....</b>	13,000	1.5	(nc)
<b>Managers of scientific and technical personnel.....</b>	290	<	26
<b>Engineers.....</b>	6,100	0.7	(nc)
Civil.....	100	<	14
Electrical/electronics.....	200	<	26
Industrial.....	80	<	13
Mechanical.....	800	0.1	9
Safety.....	210	<	33
Sales.....	4,570	0.5	6
Other, n.e.c.....	140	<	(nc)
<b>Technicians.....</b>	6,610	0.8	(nc)
Computer programmer.....	170	<	10
Drafter.....	5,450	0.6	3
Electrical/electronics engineering technician.....	370	<	16
Mechanical engineering technicians.....	230	<	15
All other engineering technicians.....	280	<	(nc)
Physical and life science technicians.....	110	<	(nc)
All other physical and life science technicians.....	110	<	(nc)
<b>Painting and paper hanging (SIC 1720)</b>			
<b>Scientific and technical personnel.....</b>	10	<	(nc)
<b>Technicians.....</b>	10	<	(nc)
All other engineering technicians.....	10	<	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Electrical work (SIC 1730)</b>			
<b>Scientific and technical personnel</b> .....	22,230	2.9	(nc)
<b>Scientists</b> .....	620	0.1	(nc)
Computer analysts.....	620	0.1	(nc)
<b>Managers of scientific and technical personnel</b> .....	510	0.1	8
<b>Engineers</b> .....	5,560	0.7	(nc)
Civil.....	90	<	36
Computer.....	60	<	33
Electrical/electronics.....	4,330	0.6	10
Industrial.....	80	<	9
Safety.....	90	<	6
Sales.....	210	<	9
Other, n.e.c.....	700	0.1	(nc)
<b>Technicians</b> .....	15,540	2.1	(nc)
Computer programmer.....	220	<	11
Drafter.....	830	0.1	4
Electrical/electronics engineering technician.....	13,820	1.8	11
Civil engineering technician.....	210	<	41
All other engineering technicians.....	460	0.1	(nc)
<b>Masonry, stonework, and plastering (SIC 1740)</b>			
<b>Scientific and technical personnel</b> .....	220	<	(nc)
<b>Engineers</b> .....	70	<	41
Industrial.....	70	<	41
<b>Technicians</b> .....	150	<	(nc)
Drafter.....	110	<	21
All other engineering technicians.....	40	<	(nc)
<b>Carpentry and floor work (SIC 1750)</b>			
<b>Scientific and technical personnel</b> .....	570	0.2	(nc)
<b>Scientists</b> .....	30	<	(nc)
Computer analysts.....	30	<	(nc)
<b>Engineers</b> .....	120	<	(nc)
Sales.....	50	<	26
Other, n.e.c.....	70	<	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Carpentry and floor work (SIC 1750) -- continued:</b>			
<b>Technicians.....</b>	420	0.1	(nc)
Drafter.....	300	0.1	14
All other engineering technicians.....	120	<	(nc)
<b>Roofing, siding, and sheet-metal work (SIC 1760)</b>			
<b>Scientific and technical personnel.....</b>	590	0.2	(nc)
<b>Engineers.....</b>	90	<	(nc)
Civil.....	50	<	10
Other, n.e.c.....	40	<	(nc)
<b>Technicians.....</b>	500	0.2	13
Drafter.....	500	0.2	13
<b>Concrete work (SIC 1770)</b>			
<b>Scientific and technical personnel.....</b>	400	0.1	(nc)
<b>Engineers.....</b>	180	0.1	(nc)
Civil.....	110	<	44
Other, n.e.c.....	70	<	(nc)
<b>Technicians.....</b>	220	0.1	(nc)
Drafter.....	50	<	17
Surveyor.....	80	<	3
All other engineering technicians.....	90	<	(nc)
<b>Water-well drilling (SIC 1780)</b>			
<b>Scientific and technical personnel.....</b>	20	0.1	(nc)
<b>Engineers.....</b>	20	0.1	(nc)
Other, n.e.c.....	20	0.1	(nc)
<b>Misc. special trade contractors (SIC 1790)</b>			
<b>Scientific and technical personnel.....</b>	4,900	0.7	(nc)
<b>Scientists.....</b>	130	<	(nc)
Computer analysts.....	130	<	(nc)
<b>Managers of scientific and technical personnel.....</b>	140	<	18

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Misc. special trade contractors (SIC 1790) -- continued:</b>			
Engineers.....	1,340	0.2	(nc)
Civil.....	280	<	13
Electrical/electronics.....	170	<	23
Mechanical.....	330	0.1	17
Safety.....	120	<	19
Sales.....	220	<	37
Other, n.e.c.....	220	<	(nc)
Technicians.....	3,290	0.5	(nc)
Drafter.....	2,190	0.3	5
Surveyor.....	140	<	(nc)
Electrical/electronics engineering technician.....	70	<	16
All other engineering technicians.....	890	0.1	(nc)

<sup>1</sup>SET intensity = the ratio of SET employment (including SET managers) in a given SIC to total employment in that SIC, expressed in percentage terms.

**NOTE:** Because of rounding, components may not add to totals.

**KEY:**

- nc = Not computed
- < = The estimated actual value is less than 0.05 for percentages. For relative standard error, < = a small value rounded to 0. Estimated actual values of zero for relative standard error are shown as 0.
- 0 = Data were collected and the reported number or value was zero.
- n.e.c. = Not elsewhere classified

**SOURCE:** National Science Foundation/Division of Science Resources Statistics using data from U.S. Department of Labor/Bureau of Labor Statistics, Occupational Employment Statistics Survey